

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 July 2004 (22.07.2004)

PCT

(10) International Publication Number
WO 2004/060268 A2

-
- (51) International Patent Classification⁷: **A61K** (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/US2003/014552
- (22) International Filing Date: 4 June 2003 (04.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 10/329,944 27 December 2002 (27.12.2002) US
- (71) Applicant: **PRIMARY TECHNOLOGIES, INC.** [US/US]; P.O. Box 121, Temple, PA 19560 (US).
- (74) Agent: **EGLINGTON, Arthur, R.**; 113 Cross Creek Drive, R. D. #5, Pottsville, PA 17901 (US).
- Published:**
— *without international search report and to be republished upon receipt of that report*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: A METHOD AND ARTICLE TO CONTROL CELLULITE

(57) Abstract: A multilayer, flexible patch configured for the transdermal treatment of the skin of a human subject with an active ingredient, which ingredient is adapted for reducing the incidence of human cellulite and other fatty tissues comprising a pressure sensitive, skin adherable first layer selected from one of the polymeric materials comprising acrylate copolymer, vinyl ether copolymer, and a silicone adhesive polymer. It contains, by dispersal therethrough, an active ingredient selected from the group consisting of xanthine, hypoxanthine, theophylline, 7-theophylline acetic acid, caffeine, and theobromine. There is an outer backing, second layer comprising a water-soluble, skin conformable fabric adapted to provide moisture vapor permeability so to permit transepidermal moisture escape therethrough. Lastly, there is provided a protective liner, third layer, which is substantially, non-adhesive as to the adjacent, normally skinadherable first layer and is protective of the active ingredient.

WO 2004/060268 A2